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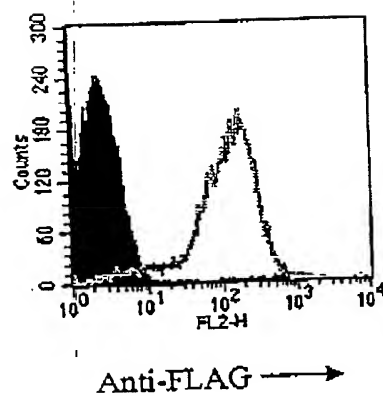


Figure 1

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10 30 50 70 90
ACCACCTGCTTCATTGCTGTGAGNAATGTTCCAGGGCTGAGTGAAGAATAAAATTCATCTCTGAGAACTCTTACCCAGGCCCTGTGGA
130 150 170
1 110 130 150 170 190 210 230 250 270
AGAAATCCCAAGAAATGTTGATGGGAGCAACTAGAGATATGGGAGCAGGTGCGCTCTGCAATGCCCTCCTGGAATGCTGCTTATCTG
190 210 230 250 270
19 S I L Q M M N I S A S C P Q C N E N A S C F N S T H C V C K 48
GTCAATATTACNAATGATGATATTTACGCTTCTGCTCCCAAGTGAAGAAATGCCAGTCTTCAACAGCAGCAGCAGTGTGTTGTAA
290 310 330 350
49 E G F W T G S E N R R I I E P H E K C Q D I N E C L L K E L 78
AGAGGATTTCTGACGGGCTCTGAGAAATAGAAATATTAGCCCATAGAAATGTCAGATATTTAATGATGTCTACTGAAAGAAAT
370 390 410 430 450
79 V C K D V S Y C R N K I G T Y I C S C V V K Y P L F N W V A 108
GGTATGCAAGGATGCTGCTACTGCAGAAATATAAATTTGGGACITACATATGCGAGCTGTGAGTAAATATTCCTTTGTTCAACTGGGTAGC
470 490 510 530
109 G I N I D H P D C Y V N K S K N T G S K T H T L G V L S E 138
TGCCATTATTAATATGATCACCCCTGATGTGTTATGTGACAGAGCAAGAAATACAGATCAAAACACATACATTTGGGAGTACTGAGTGA
550 570 590 610 630
139 F K S K E E V A K G A T K L L R K V E H H I L N E N S D I P 168
ATTTAATCCAAAGAGGAGGTTGCAAAAGGAGCTACCAAGTTACTTCGCAAGTGGAAATACATCACTTTGATGAATCAATCTCAGATATACC
650 670 690 710
169 X K D E N P L L D I V Y E T K R C K T M T L L E A G N N T M 198
AAAAAGGATGAATCCCTTTATTGGATATAGTATGTAAGAACTAAGAGGTGCAAGACCATGACTCTTCTAGAGCTGGCAACACCAAT
730 750 770 790 810
199 K V D C T S G F K E H N S G G E T A V A F I A Y K S L G N L 228
GAAGTTGACTGCACTAGTGTGTTTCAAGAGCACAACATGAGGTGGAGGTGGAAGTGGCTTTTCATTGCGATATAAGTCTCTTTGGGAATCT
830 850 870 890
229 L N G S F F S N E E G F Q E V T L N S H I V S G A I R S E V 258
TCTAAATGGTTCCTTTTTTAGTAAATGAGAGGGTTTCAAGAAATGACACTCACTCACTCATCTCATCTTCTAGTGGAGCCATTCGCTCAGAGT

Figure 2

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Figure 2 (continued)

1810 1830 1850 1870 1890
559 K T V R L I V A Y L F T I I N V L Q G V L I F M V H C L L N 588
GAACAGTGAGACTGATCGTTGGCTATCTGTTACCATCATCAATGTCCTGGAGGTGTTTGATATTTTNGGTACATTTGCTGCTTAA 1970
1910
589 R Q V R M E Y K K W F H R L R K E V E S E S T E V S H S T T 618
TCGCCAGGTGGGATGAATATAAGAAGTGGTTCATAGACTCGCGAAGGAGTTCGAAGTGAAGCACTGAAGTGTCTCATTTCTACTAC 2070
2010
619 H T X M G L S L N L E N F C P T G N L H D P S D S I L P S T 648
TCACACAAATGGGTCTTTCTCTGAACCTGGAAATTTCTGCCCCACGAGGAACCTCCATGATCTTCTGACTCCATCTCTCCAAATGAC 2150
2090
649 E V A G V Y L S T P R S H M G A E D V N S G T H A Y W S R T 678
TGAAGTAGCAGGTGTATATCTAAGCACACCCCGGTCTCACATGGGTGCTGAGGATGTGAAGTCAAGTCTTCTGACTCCATCTCTCCAAATGAC 2250
2170 2190
679 I S D 2270 2290 2310 2330
TATTAGTGATTGAATCAGCTCCTTCCCCCAAGCCTCTTACAGTACATTTTAACTTGCTGTGCCATGCCATGAGCTATATTTGCTAG 2430
2350
TCTGGTAAACAACTGTTCATATTCCTATGTCATTTTATCTCTACTTGCAGGAGTGTAGCTTCTTTTATATCTATTTTATTTTC 2410
2370
TCTTTCTTTTGTATATATAGCTTCAGTTGAGTGGGTCTAGCTTTAATGTTCTAGATCACTATTTTCTTTTCAGTTAACCTTTATTG 2510
2450
GTATTTAGTTCCTGCTGAGTGTATACACCTGGNATTTTATTTTCTTAATTTTGGGTTAAATATAGTTACATCATTTTCTCTTTT 2590
2530
TTCTTTCCACATCTCCTCTGTATACCTTTTCCCTGGTGTCTATTTTATTTTCTTACATGCATATATATTTTATGCAAAACATATATAT 2610
2630
GTATTAATATAAATATATATTTCTTATATGCAATGAAGAACCTACTCTCATCCAAATATGTTCTCTTATGTATGTTTTCAGGACGCGGA 2790
2710
CAACATAGCTATGGTAGCATGGCAGGGGAAAGCCACAGGACCTCAGCCCTATACAAAGAAATCAGAGGCACTGAGGAGTGTGAGTTG 2870
2810
AAGGAATTTGCTTACCCAGGGGAGGCACATTTATTTGGTTATCTAATACAAATGTTTCAGGCCCAAACTGTTAAGATAAAGCCCTATAT

Figure 2 (continued)

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2890 2910 2930 2950 2970
 GCATCTTAGGAAGTATCTACCTTGATACACCTTTATTGGAAATATCATCCACATGTTTATTTGCTGTTCTGAAGAGGGTCTGTTGAATTC
 2990 3010 3030 3050
 TAAGGGTTGATCAGTTTAAATTTGCGCAATTTATATTTCAGGGTGTGTTGGCTTTGTTGTTAGTGAATATGCTATATTTCCCTGTATGTGCA
 3070 3090 3110 3130 3150
 TCTTTGACTGTTATTTTTCCTGGCGATCTTTTATTCACAAAGAACCTAGAGCCCTGGTTTATTTACTTTTCTTCCATAGAAAACTATT
 3170 3190 3210 3230
 TGTCTTCCAGGATTAGATNTGNTCAATATTTCTTATATGCAI GTATCAAAATNTCATGATGAATATATTTACTGTGTATATTAATAACTG
 3250
 GCATTAAGTGGAGGGA

Figure 2 (continued)

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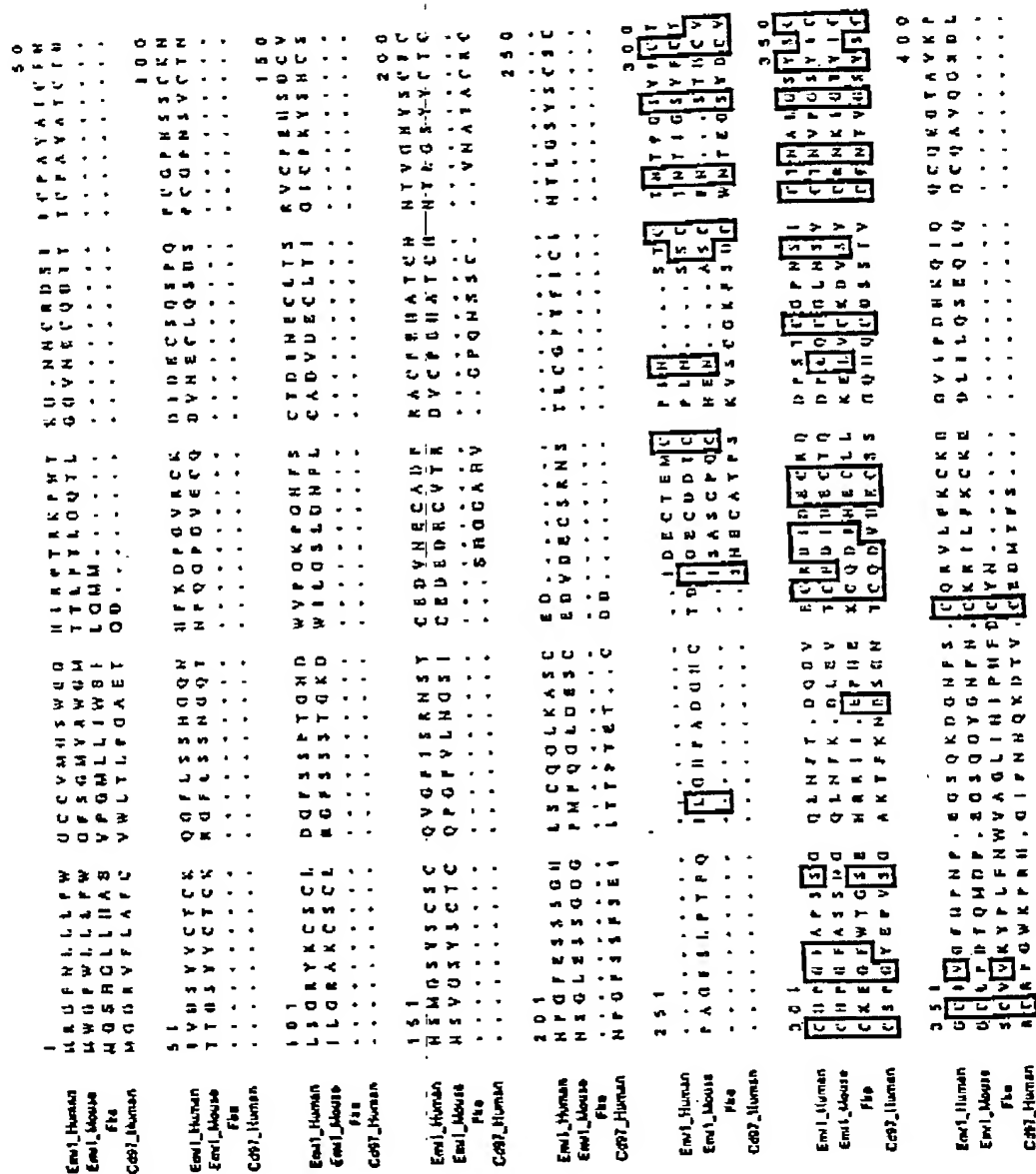


Figure 3

Em1_Human Em1_Mouse Em1_Fla	401 AVVSECAQDM GVASFCLVNM TWTTPEDVHS	NIFSVLDVVC ATFTILEHTC QTLSPFPDKV	EMKVTVVSLK CMKSAFVSU ..NKSEHTGSL QDLUANSKTS	NIDRSSTVPVL SAATSVKLV TMGLGLSEF SAEVTIQNV	450 KUISMWEAF LDATITWLI KLVDELMLA
Cd97_Human	451 KEFTSSIAIV KEETSTLGLTI KEEIVAKGAK TUUVGALAP	ECUSVUSMIL LLEIVETAIL LLAKVHNHIL VRULIATQL	ASFWLPSAN AALLTPSQM NEMSDIKKD SNLEDJMIL	VLPAAVRAIIL ASQMLDTIYL EMZLLDIVLG AKSLPKGPT	500 UI...ISKVI PI...GSLVI TK...ACSTAI VSPSHMLT
Cd97_Human	501 MKESRRHYT MKESRRHES TK..... LMIURDNN	LNLVAKGDKM LNLVAKGDKM LNLVAKGDKM UTMUSSANM	RIGVSYIEV HVGCTPIIK KVGCSTNFE KLH..WAVAA	SEXTETDVA SVSTUAPVVA HNSHUEFAVA UAGUPUFAVA	550 VVSFVDMIA PVSFAMMS PIAYKSLDM QILSIOHML
Em1_Human Em1_Mouse Em1_Fla Cd97_Human	551 VLMERFTH VLNERFHE LMLUSTRFS LLANASLHLDIQAPDQDNUR SKKQAELEI	LYTSRILKLN ..SKKLRIL ..QTDENVIL VSSIRGQDL	NRVVIIGI ..SKVVGIGI ..SIIIVSBA NRSLAVHSTF	600 NTOKKADNFS VFGELUCUFS IASLVKPVLS LSNHRTKRM
Em1_Human Em1_Mouse Em1_Fla Cd97_Human	601 DPIVLTTHV DPIVLTTHV DPIVLTTHV DPIVLTTHV	QPKQ..... QPKQ..... QPKQ..... QPKQ.....KKS PPAKDVMFP	FURPICUSHS SERPICUSHS SERPICUSHS SERPICUSHS	650 TUVK...GIGI TDV...IGI GSE...IGI SBS...IGI
Em1_Human Em1_Mouse Em1_Fla Cd97_Human	651 SFIIIVLEAS TSIGCEIVBAS TKDUSUBVTN TEVCCVLEGS	EYILCSQHQ EYILCSQHQ EYILCSQHQ EYILCSQHQ	MAHLAVIHA MANLALIMA LSSPAVIMAH LSSPAVIMAH	SGPLTMDFS SGPLTMDFS PIICEBNVLSA YDVE...DVK	700 IVTSSIVGII IVTSSIVGII IVTSSIVGII IVTSSIVGII
Em1_Human Em1_Mouse Em1_Fla Cd97_Human	701 ISLVCLVLA ISLVCLVLA ISLVCLVLA ISLVCLVLA	ATFLCLCAVQ ATFLCLCAVQ ATFLCLCAVQ ATFLCLCAVQ	MAHNTVILHIL MAHNTVILHIL MAHNTVILHIL MAHNTVILHIL	CVCLCAKTL CVCLCAKTL CVCLCAKTL CVCLCAKTL	750 FLIGIKKIDN FLIGIKKIDN FLIGIKKIDN FLIGIKKIDN

Figure 3 (continued)

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Figure 3 (continued)

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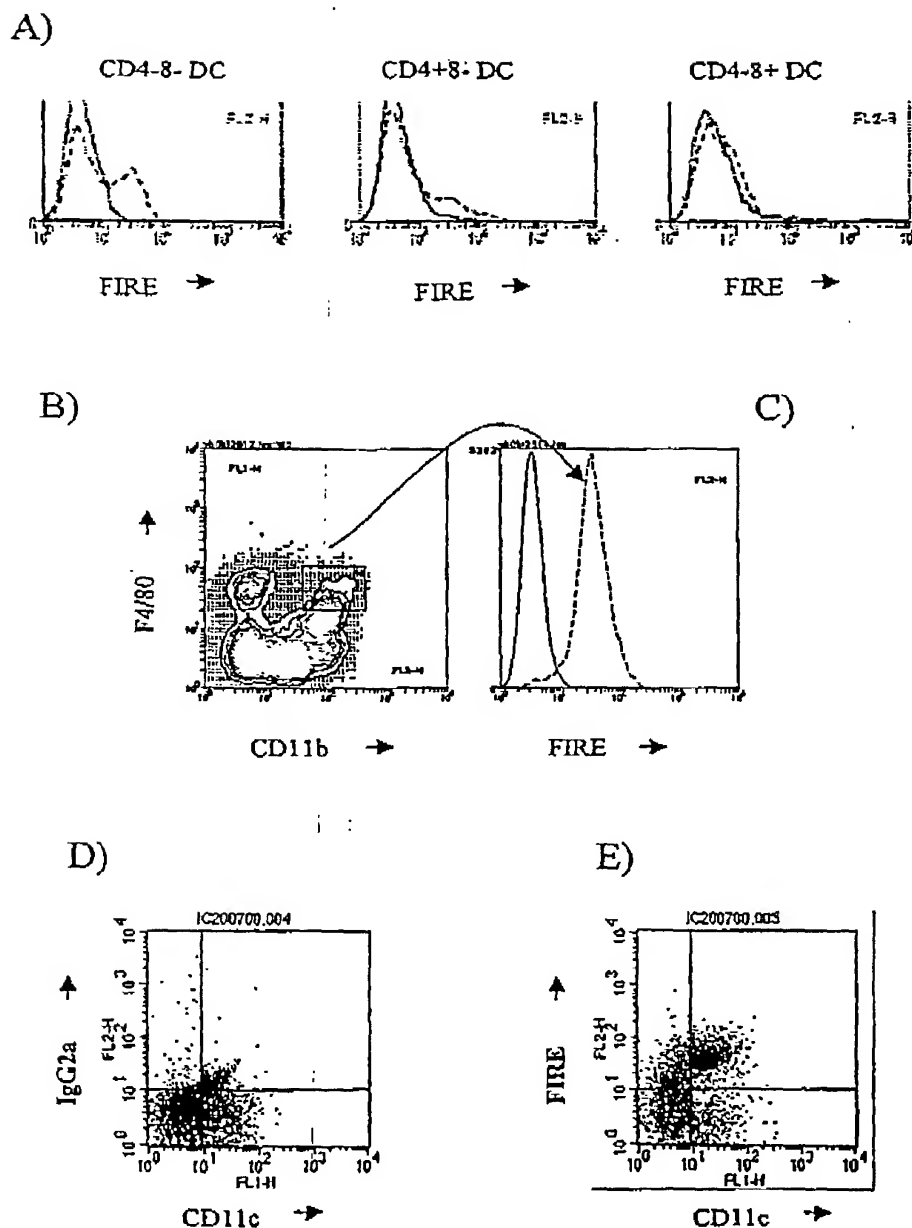


Figure 4

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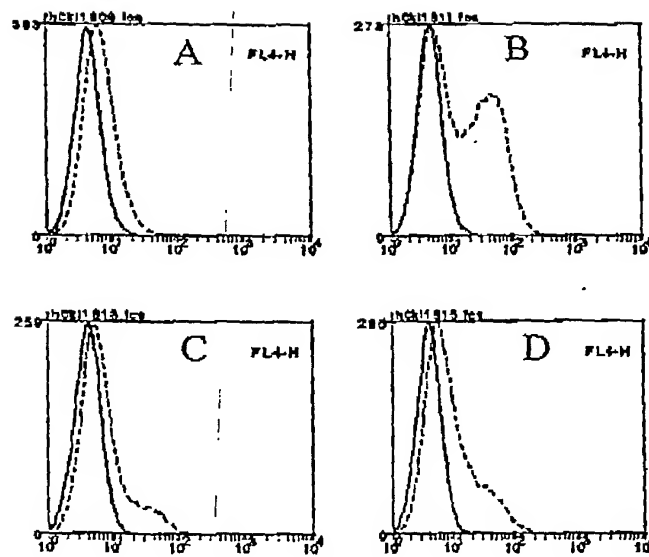


Figure 5

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Figure 6

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1671	F T I I N T L Q G V L L F V V H C L L N R Q V R M E Y K K W	1710
	TTCCACATCAACCCCTTACAGGAGCTGTGCTCTTTGTGGTACACTGTCTCTTAAATGCCAGGTTCCGAANTGGATATATAAAGATGG	
	F S G M R K G V E T E S T E M S R S T T Q T K T E A E V G K S	1800
1711	TTTAGTGGGATGCCGAAGGGGTAGAAACTGAAAGCACTGAGATGCTCGCTCTPACTACCCAAACCAAAACGGACRACGTGGGAGATCC	
	S E I F H K G G T A S S A E S T T K Q P Q P Q V H L V S A A	1890
1801	TCRGAANTCTTTCAAAAGAGGACACTGCATCATCTGCGAGGTCAACCCAGACGGTCAACAGGTTCACTCTGCTCTCTGCTGCT	
	W L K M N *	1980
1891	TGGCTAAGATGATGACTGACGTGGCATGGCATGACCCGGAAAGTTACGGCTCTCTTCCGTTGTCTACAGCGCCCTGTGGTCA	2070
1981	CACATAGATTGGACAATGCCACATATTTCTAGCTTCTCTGTGAAGAAGCTPAGGCTCACTTCCACTATTTTGGCTTTTATGTGTACATAGAA	2160
2071	GAACAAGACATTTGGAGAAATCTTTAGATCCAGATGCTGTGGCAGTGTGCAGATAGAGTGTCCGAGAGGTGATATTTAAAGATGGC	2250
2161	GGCGGGAGAGTGGATTTTCTTTCTGACAGCTPACTGCCACCTGGCGAAGAACTTCACTAACCTGGCATCTGGRATTCAGCTCATAGTTCC	2340
2251	CTTTCTGGCTCTCTGTGTATTTTATGCTTCCAAAGATCTTACATPACACTCCACATTCACATNAATTCACAAATTTTCATATGGATCA	2430
2341	GTATTAAGAGGGTGTGCATTTTCCAAATCABAAATGCAATATCATGCTGTGGAGGATGTGGAGAAATAGGGAACACITTTTACATCT	2520
2431	TGCTGGGACTCTAACTAGTTCAACCATCGTGGAGTCAAGTGTGGCATTTCTCAGGGTCTAGAGTCTAGAAATAGCAATCCATTTGACACAGCT	2610
2521	ATGCCATTACTGGGTATATACCBAAAGGATTAATATGCTGCTATAAGACACATGCGACGATATGTTTATATGTGGCATTTATTCACA	2700
2611	ATGCAAAAGACTTGGAAACCAATGCCAAATGCTCAACAAATGNTAGATCGGATTAAGAAATGTGGCACATATACACCATTGGATATGCA	2790
2701	GGCATAAAGATGATGAGTTTCATGTCTTTGTAGGGACATGGATGAATCCGGATTTCCCGGATCTACTACCGGGCTCCAGGAGTCTGTCG	
2791	CACCAATC 2798	

Figure 6 (continued)